Connecting Facility Assignment

Overview

The Connecting Facility Assignment (CFA) inquiry will allow a customer to validate availability of a given channel number, or range of channel numbers, for a given CFA code.

This transaction is handled on a real-time basis. Communications between the Telecommunications Carrier and Ameritech is based on EDI message formats.

- Information will only be returned if the channel is assigned to the requesting carrier.
- Customers will submit an EDI 850 CFA request.
- Customers will receive an EDI 855 CFA response.
- The EDI 850 and 855 transactions will be based on EDI ASCX12 version 003072.

Preordering CFA Inquiry

ESO Guide

February 3, 2000

AIIS

Transaction Layouts
850 Purchase Order – CFA Inquiry

Functional Group ID=PO

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Transaction Set (850) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BEG	Beginning Segment for Purchase Order	M	1		
Must Use	150	DTM	Date/Time Reference	M	1		
Must Use	185	SI	Service Characteristic Identification	M	1		
			LOOP ID – N1			1	
Must Use	310	N1	Name	M	2		
			LOOP ID – PO1			1	
Must Use	010	PO1	Baseline Item Data	M	1		n1
Must Use	018	SI	Service Characteristic Identification	M	1		
Must Use	050	REF	Reference Identification	M	2		
			LOOP ID – N1			1	
Must Use	350	N1	Name	M	1		
Must Use	385	NX2	Location ID Component	M	1		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID – CTT			1	
Must Use	010	CTT	Transaction Totals	M	1		n2
Must Use	030	SE	Transaction Set Trailer	M	1		

Transaction Set Notes:
1. PO102 is required.
2. The number of line items (CTT01) is the accumulation of the number of PO1 segments.

	Segment:	**ST** Transaction Set Header
	Position:	010
	Loop:	
	Level:	Heading:
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To indicate the start of a transaction set and to assign a control number
	Syntax Notes:	
	Semantic Notes:	**1** The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
	Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	ST01	143	**Transaction Set Identifier Code**	M	ID 3/3
			Code uniquely identifying a Transaction Set		
			850 Purchase Order		
Must Use	ST02	329	**Transaction Set Control Number**	M	AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		
			Must match value in SE02		

Segment:	**BEG** Beginning Segment for Purchase Order		
Position:	020		
Loop:			
Level:	Heading:		
Usage:	Mandatory		
Max Use:	1		
Purpose:	To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates		
Syntax Notes:			
Semantic Notes:	**1** BEG05 is the date assigned by the purchaser to purchase order.		
Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	BEG01	353	**Transaction Set Purpose Code** Code identifying purpose of transaction set	M ID 2/2
			28 Query	
Must Use	BEG02	92	**Purchase Order Type Code** Code specifying the type of Purchase Order	M ID 2/2
			IN Information copy	
Must Use	BEG03	324	**Purchase Order Number** Identifying number for Purchase Order assigned by the customer/purchaser	M AN 1/22
Must Use	BEG05	373	**Purchase Order Date** Date expressed as CCYYMMDD	M DT 8/8
Must Use	BEG07	587	**Acknowledgment Type** Code specifying the type of acknowledgment	M ID 2/2
			AE Acknowledgement with exception details only.	

	Segment:	**DTM** Date/Time Reference
	Position:	150
	Loop:	
	Level:	Heading:
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To specify pertinent dates and times
	Syntax Notes:	
	Semantic Notes:	
	Comments:	

Data Element Summary

	Ref. Des.	**Data Element**	**Name**		**Attributes**
Must Use	**DTM01**	**374**	**Date/Time Qualifier**	**M**	**ID 3/3**
			Code specifying type of date or time, or both date and time		
			097 Transaction creation date/time		
			Date/time transaction sent		
	DTM02	**373**	**Date**	**M**	**DT 8/8**
			Date expressed as CCYYMMDD		
			Transaction date.		
	DTM03	**337**	**Time**	**C**	**TM 4/8**
			Time expressed in 24-hour clock time as HHMM, where H = hours (00-23), M = minutes (00-59).		
			Transaction time.		

	Segment:	**SI** Service Characteristic Identification
	Position:	185
	Loop:	
	Level:	Heading:
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To specify service characteristic data
	Syntax Notes:	
	Semantic Notes:	
	Comments:	1 If either Data Element 1000 or 234 is present, then the other is required.
		2 SI01 defines the source for each of the service characteristic qualifiers.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SI01	559	**Agency Qualifier Code**	M ID 2/2
			Code identifying the agency assigning the code values	
			TI Telecommunications industry	
Must Use	SI02	1000	**Service Characteristics Qualifier**	M AN 2/2
			Code from an industry code list qualifying the type of service characteristics	
			IQ Transaction type	
Must Use	SI03	234	**Product/Service ID**	M AN 1/48
			Identifying number for a product or service	
			X CFA inquiry	
Must Use	SI04	1000	**Service Characteristics Qualifier**	M AN 2/2
			Code from an industry code list qualifying the type of service characteristics	
			IR Inquiry activity	
Must Use	SI05	234	**Product/Service ID**	M AN 1/48
			Identifying number for a product or service	
			A New inquiry	
Must Use	SI06	1000	**Service Characteristics Qualifier**	M AN 2/2
			Code from an industry code list qualifying the type of service characteristics	
			LA Code to identify a geographic region	
Must Use	SI07	234	**Product/Service ID**	M AN 1/48
			Identifying number for a product or service	
			State IL, IN, MI, OH, WI	

Segment:	**N1** Name
Position:	310
Loop:	N1
Level:	Heading:
Usage:	Mandatory
Max Use:	2
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	
Semantic Notes:	
Comments:	1 The N1 loop is used for service requester code for all transactions.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	**N101**	**98**	**Entity Identifier Code**		**M ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual		
			78	Service Requestor	
Must Use	**N102**	**93**	**Name**		**M AN 1/60**
			Free-form name		
			If N101 = 78 Customer Carrier Name Abbreviation (CCNA)		
Must Use	**N103**	**98**	**Entity Identifier Code**		**M ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual		
			91	Location A CLLI	
			92	Location Z CLLI	
Must Use	**N104**	**93**	**Name**		**M AN 1/60**
			Free-form name		
			If N101 = 91 Location A CLLI If N101 = 92 Location Z CLLI		

Segment: **PO1** Baseline Item Data
Position: 010
Loop: PO1 Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify basic and most frequently used line item data
Syntax Notes: 1. If PO103 is present, then PO102 is required
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	PO101	350	**Assigned Identification**	M	**AN 1/3**
			Alphanumeric characters assigned for differentiation within a transaction set. Must be equal to 1, do not use 0.		
Must Use	PO102	330	**Quantity Ordered**	M	**R 1/1**
			Quantity ordered		
			Presently, always 1		
Must Use	PO103	355	**Unit or Basis for Measurement Code**	M	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken.		
			EA Each		

	Segment:	**SI** Service Characteristic Identification
	Position:	185
	Loop:	
	Level:	Heading:
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To specify service characteristic data
	Syntax Notes:	
	Semantic Notes:	
	Comments:	**1** If either Data Element 1000 or 234 is present, then the other is required.
		2 SI01 defines the source for each of the service characteristic qualifiers.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SI01	559	**Agency Qualifier Code** Code identifying the agency assigning the code values	M ID 2/2
			TI Telecommunications industry	
Must Use	SI02	1000	**Service Characteristics Qualifier** Code from an industry code list qualifying the type of service characteristics	M AN 2/2
			LO Terminating Location Z CLLI	
Must Use	SI03	234	**Product/Service ID** Identifying number for a product or service	M AN 1/11
			Terminating Location Z CLLI	
Must Use	SI04	1000	**Service Characteristics Qualifier** Code from an industry code list qualifying the type of service characteristics	M AN 2/2
			K6 Channel Code	
Must Use	SI05	234	**Product/Service ID** Identifying number for a product or service	M AN 1/48
			Channel Code	

	Segment:	**REF** Reference Identification
	Position:	100
	Loop:	
	Level:	Detail: Mandatory
	Usage:	Mandatory
	Max Use:	2
	Purpose:	To specify identifying information
	Syntax Notes:	
	Semantic Notes:	
	Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**REF01**	**128**	**Reference Identification Qualifier**	**M**	**2/3**

Code qualifying the Reference Identification

1J	Identification of the Local Service Provider's system to be used in a collocation arrangement
EQ	Identification of the Network Provider's central office cable to be connected to the Local Service Provider's collocated equipment.

	Ref. Des.	Data Element	Name	Attributes	
	REF02	**127**	**Reference Identification**	**M**	**AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

If REF01 = 1J
Facility ID
If REF01 = EQ
Equipment Number

Segment:	**CTT** **Transaction Totals**
Position:	010
Loop:	CTT Mandatory
Level:	Summary
Usage:	Mandatory
Max Use:	1
Purpose:	To transmit a hash total for a specific element in the transaction set.
Syntax Notes:	
Semantic Notes:	
Comments:	**1** This segment is intended to provide has totals to validate transaction completeness and correctness.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	CTT01	354	**Number of Line Items**	M N0 1/6
			Total number of line items in the transaction set.	

Segment:	**SE** Transaction Set Trailer			

Position: 030
Loop:
Level: Summary:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes:
Semantic Notes:
Comments: 1   SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SE01	96	**Number of Included Segments**	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			Must match value in ST02.	

855 Purchase Order Acknowledgment – CFA Response

Functional Group ID=PR

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Acknowledgment Transaction Set (855) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to a seller's acknowledgment of a buyer's purchase order. This transaction set can also be used as notification of a vendor generated order. This usage advises a buyer that a vendor has or will ship merchandise as prearranged in their partnership.

This transaction set is used by Ameritech to acknowledge and confirm an order received from a customer via the 850-transaction set. Only segments used by AIIS are listed.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1		
Must Use	150	DTM	Date/Time Reference	M	1		
Must Use	185	SI	Service Characteristic Identification	M	1		
Must Use	310	N1	Name	M	2		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - PO1			1	
Must Use	010	PO1	Baseline Item Data	M	1		n1
			LOOP ID – PID			2	
Must Use	050	PID	Product/Item Description	M	1		
	185	SI	Service Characteristic Identification	C	1		
			LOOP ID – N1			1	
	310	N1	Name	C	1		
			LOOP ID – ACK			1	
Must Use	270	ACK	Line Item Acknowledgement	M	1		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - CTT			1	
Must Use	010	CTT	Transaction Totals	M	1		n2
Must Use	030	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. PO102 is required.
2. The number of line items (CTT01) is the accumulation of the number of PO1 segments.

	Segment:	**ST** Transaction Set Header
	Position:	010
	Loop:	
	Level:	Heading:
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To indicate the start of a transaction set and to assign a control number
	Syntax Notes:	
	Semantic Notes:	1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
	Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	ST01	143	**Transaction Set Identifier Code**	M ID 3/3
			Code uniquely identifying a Transaction Set	
			855 Purchase Order Acknowledgment	
Must Use	ST02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			Must match value in SE02	

Segment:	**BAK** Beginning Segment for Purchase Order Acknowledgment	
Position:	020	
Loop:		
Level:	Heading:	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the beginning of the Purchase Order Acknowledgment Transaction Set and transmit identifying numbers and dates	
Syntax Notes:		
Semantic Notes:	**1** BAK04 is the date assigned by the purchaser to purchase order.	
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	BAK01	353	**Transaction Set Purpose Code** Code identifying purpose of transaction set	M	ID 2/2
			11 Response		
Must Use	BAK02	587	**Acknowledgment Type** Code specifying the type of acknowledgment	M	ID 2/2
			AE Accepted		
			RD Reject with detail		
Must Use	BAK03	324	**Purchase Order Number** Identifying number for Purchase Order assigned by the customer	M	AN 1/22
Must Use	BAK04	373	**Date** Date expressed as CCYYMMDD	M	DT 8/8
			Purchase order date		

Segment:		**DTM** Date/Time Reference			
Position:		150			
Loop:					
Level:		Heading:			
Usage:		Conditional			
Max Use:		1			
Purpose:		To specify pertinent dates and times			
Syntax Notes:					
Semantic Notes:					
Comments:					

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	**DTM01**	**374**	**Date/Time Qualifier**	**M**	**ID 3/3**
			Code specifying type of date or time, or both date and time		
			097 Transaction creation date/time		
			Date/time transaction sent		
	DTM02	**373**	**Date**	**M**	**DT 8/8**
			Date expressed as CCYYMMDD		
			Transaction date.		
	DTM03	**337**	**Time**	**C**	**TM 4/8**
			Time expressed in 24-hour clock time as HHMM, where H = hours (00-23), M = minutes (00-59).		
			Transaction time.		

Segment:	**SI** Service Characteristic Identification	
Position:	185	
Loop:		
Level:	Heading:	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To specify service characteristic data	
Syntax Notes:		
Semantic Notes:		
Comments:	**1**	If either Data Element 1000 or 234 is present, then the other is required.
	2	SI01 defines the source for each of the service characteristic qualifiers.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**SI01**	**559**	**Agency Qualifier Code**	**M ID 2/2**
			Code identifying the agency assigning the code values	
			TI Telecommunications industry	
Must Use	**SI02**	**1000**	**Service Characteristics Qualifier**	**M AN 2/2**
			Code from an industry code list qualifying the type of service characteristics	
			IQ Transaction type	
Must Use	**SI03**	**234**	**Product/Service ID**	**M AN 1/48**
			Identifying number for a product or service	
			X CFA inquiry	
Must Use	**SI04**	**1000**	**Service Characteristics Qualifier**	**M AN 2/2**
			Code from an industry code list qualifying the type of service characteristics	
			CM Returned if CFA is identified by a customer defined circuit reference code.	
Must Use	**SI05**	**234**	**Product/Service ID**	**M AN 1/48**
			Identifying number for a product or service	
			CKRCFA Customer Circuit Reference ID (CFA)	

Segment:	**N1** **Name**
Position:	310
Loop:	N1
Level:	Heading:
Usage:	Mandatory
Max Use:	2
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	
Semantic Notes:	
Comments:	1 The N1 loop is used for service requester code for all transactions.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**N101**	**98**	**Entity Identifier Code**	**M ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual	
			78 Service Requestor	
			BT Bill to Name	
Must Use	**N102**	**93**	**Name**	**M AN 1/60**
			Free-form name	
			If N101 = 78 Customer Carrier Name Abbreviation (CCNA) If N101 = BT Access Customer Name Abbreviation (ACNA)	

Segment:	**PO1** Baseline Item Data
Position:	010
Loop:	PO1 Mandatory
Level:	Detail:
Usage:	Mandatory
Max Use:	1
Purpose:	To specify basic and most frequently used line item data
Syntax Notes:	**1** If PO103 is present, then PO102 is required.
Semantic Notes:	
Comments:	**1** PO101 is the line item identification.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PO101	350	**Assigned Identification**	**M AN 1/3**
			Alphanumeric characters assigned for differentiation within a transaction set	
			Line item number of supplier issued purchase order	
Must Use	PO102	330	**Quantity Ordered**	**M R 1/1**
			Quantity ordered	
			Presently, always 1	
Must Use	PO103	355	**Unit or Basis for Measurement Code**	**M ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			EA Each	

Segment:		**PID** Product/Item Description			

Segment: **PID** Product/Item Description
Position: 050
Loop: PID Mandatory
Level: Detail:
Usage: Mandatory
Max Use: 1
Purpose: To describe a product or process in coded or free form format
Syntax Notes:
Semantic Notes: 1 Use PID03 to indicate the organization that publishes the code list being referred to.

Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	PID01	349	**Item Description Type** Code indicating the format of a description	M	ID 1/1
			X Status F Error		
Must Use	PID03	559	**Agency Qualifier Code** Code identifying the agency assigning the code values	M	ID 2/2
			AS Assigned by Seller		
Must Use	PID04	751	**Product Description Code** A code from an industry code list which provides specific data about a product characteristic STATUS	M	AN 1/12
Must Use	PID05	352	**Description**	C	AN 1/80

If PID01 = X
Status:
  Spare
  Assigned
  Pending
  Invalid
  Restricted

If PID01 = F
Error Code. See Section 6 – Error Messages for valid values.

	Segment:	**SI** Service Characteristic Identification
	Position:	185
	Loop:	
	Level:	Detail:
	Usage:	Conditional
	Max Use:	1
	Purpose:	To specify service characteristic data
	Syntax Notes:	
	Semantic Notes:	
	Comments:	**1** If either Data Element 1000 or 234 is present, then the other is required.
		2 SI01 defines the source for each of the service characteristic qualifiers.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SI01	559	**Agency Qualifier Code**	M ID 2/2
			Code identifying the agency assigning the code values	
			TI Telecommunications industry	
Must Use	SI02	1000	**Service Characteristics Qualifier**	M AN 2/2
			Code from an industry code list qualifying the type of service characteristics	
			K6 Identification of the specific channel or pair within the Network Provider's central office.	
Must Use	SI03	234	**Product/Service ID**	M AN 1/48
			Identifying number for a product or service	
			Channel	
			Code	
Must Use	SI04	1000	**Service Characteristics Qualifier**	M AN 2/2
			Code from an industry code list qualifying the type of service characteristics	
			CM Returned if CFA is identified by a customer defined circuit reference code.	
Must Use	SI05	234	**Product/Service ID**	M AN 1/48
			Identifying number for a product or service	
			CKR Customer Circuit Reference ID	
Must Use	SI06	1000	**Service Characteristics Qualifier**	M AN 2/2
			Code from an industry code list qualifying the type of service characteristics	
			CN	
Must Use	SI07	234	**Product/Service ID**	M AN 1/48
			Identifying number for a product or service	
			ECCKT	
			Code	

	Segment:	**N1** Name
	Position:	310
	Loop:	N1
	Level:	Detail:
	Usage:	Conditional
	Max Use:	2
	Purpose:	To identify a party by type of organization, name, and code
	Syntax Notes:	
	Semantic Notes:	
	Comments:	**1** The N1 loop is used for service requester code for all transactions.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**N101**	**98**	**Entity Identifier Code**	**M ID 2/3**

Code identifying an organizational entity, a physical location, property or an individual

78		Service Requestor
BT		Bill to Name

	Ref. Des.	Data Element	Name	Attributes
Must Use	**N102**	**93**	**Name**	**M AN 1/60**

Free-form name

If N101 = 78
Customer Carrier Name Abbreviation (CCNA)
If N101 = BT
Access Customer Name Abbreviation (ACNA)

	Segment:	**ACK** Line Item Acknowledgment
	Position:	270
	Loop:	ACK Mandatory
	Level:	Detail
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To acknowledge the ordered quantities and specify the ready date for a specific line item
	Syntax Notes:	
	Semantic Notes:	
	Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	ACK01	668	**Line Item Status Code**	**M ID 2/2**
			Code specifying the action taken by the seller on a line item requested by the buyer	
			IA Item accepted	
			IR Item rejected	

	Segment:	**CTT** Transaction Totals
	Position:	010
	Loop:	CTT Mandatory
	Level:	Summary:
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To transmit a hash total for a specific element in the transaction set
	Syntax Notes:	
	Semantic Notes:	
	Comments:	**1** This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	CTT01	354	**Number of Line Items**	M N0 1/6
			Total number of line items in the transaction set	

Segment:	**SE** **Transaction Set Trailer**
Position:	030
Loop:	
Level:	Summary:
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes:	
Semantic Notes:	
Comments:	1 SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	SE01	96	**Number of Included Segments**	M	N0 1/10
			Total number of segments included in a transaction set including ST and SE segments		
Must Use	SE02	329	**Transaction Set Control Number**	M	AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		
			Must match value in ST02		

CFA Error Messages

Message ID

CFAD100 - MISSING OR INVALID INPUT DATA: PID04: CFA Code

CFAD101: CFA TZCLLI is not in CLFI format.

CFAD102: CFA TACLLI is not in CLFI format.

CFAD103: CFA FACTYPE is not in CLFI format.

CFAD104: CFA FACDES is not in CLFI format.

CFAD105: illegal character in CFA FACDES

CFAD106: illegal character in CFA FACTYPE

CFAD107: illegal character in CFA TACLLI

CFAD108: illegal character in CFA TZCLLI

CFAD109: FACTYPE UNSUPPORTED BY THIS INTERFACE

CFAD110: MISSING OR INVALID INPUT DATA:PID05 – State Code

CFAD111: INVALID CHANNEL NUMBER REQUESTED

CFAI300: PROCESSING ERROR. UNABLE TO ACCESS COMPLETE CHANNEL DATA

CFAI301: SERVICE NOT FOUND

CFAI302: ACCESS TO THIS INFORMATION IS RESTRICTED

CFAI303: NO SPARES FOUND FOR THE GIVEN CHANNEL DATA

CFAS200: SYSTEM ERROR. PLEASE TRY AGAIN.

CFAS201: NO CHANNEL INFORMATION FOUND

CFAS202: SYSTEM ERROR. PLEASE TRY AGAIN

CFAE001: INVALID EDI FORMAT Missing Receiver ID in ISA segment.

CFAE002: INVALID EDI FORMAT Missing Sender ID in ISA segment.

CFAE003: INVALID EDI FORMAT Missing Control Number in ISA segment.

CFAE004: INVALID EDI FORMAT Missing Standard ID Number in ISA segment

CFAE005: INVALID EDI FORMAT Missing Test Indicator in ISA segment

CFAE006: INVALID EDI FORMAT Missing Version Number in ISA segment.

CFAE007: INVALID EDI FORMAT Missing Component Element Separator in ISA segment

CFAE008: INVALID EDI FORMAT:Seg <text> Fld 0:unrecognized input segment id <id>

CFAE009: INVALID EDI FORMAT:Mandatory segment not found

CFAE010: INVALID EDI FORMAT:Mandatory element <number> not found in segment.

CFAE011: INVALID EDI FORMAT:segment element <number> data too short <string>

CFAE012: INVALID EDI FORMAT:segment element <number> data too long <string>

CFAE013: INVALID EDI FORMAT:segment element <number> data incorrect <string>

CFAE014: INVALID EDI FORMAT:segment element <number> data is empty <string>

CFAE015: INVALID EDI FORMAT:segment element <number> data should not be on list: <string>

CFAE016: INVALID EDI FORMAT:segment element <number> data unknown <string>

CFAE017: INVALID EDI FORMAT:Mandatory segment SE not found!

CFAE018: INVALID EDI FORMAT:incorrect SE01 segment count <number>

Connecting Facility Assignment Inquiry

Ameritech 850 Connecting Facility Assignment Preordering Inquiry Specification
Based on the Service Order Sub-Committee EDI matrix and the Local Service Ordering Guidelines from OBF

FIELD	Description	H/D	Valid Values	Attributes	Qualifying Data Element and Value	EDI Data Element	USE	Ordering Rule
CCNA	Customer Carrier Name Abbreviation	H		3/A	N101 = 78	N102	R	78 = Service Requestor
INQNUM	Inquiry Number	H		16/AN	BEG01 = 28 BEG02 = IN	BEG03	R	28 = Code for query IN = Code for Information Copy
D/TSENT	Date and Time Sent	H	Date: CCYYMMDD Time: HHMM	17/AN	DTM01=097	Date: DTM02 Time: DTM03	R	Time is optional. Date and Time are based on sender's time (application time) DTM02 = Date DTM03= Time in 24 hr. format
TXTYP	Transaction Type	H	X	1/A	SI02 = IQ	SI03	R	IQ = Inquiry Type X = CFA Inquiry
INQACT	Inquiry Activity	H	A	1/A	SI04 = IR	SI05	R	IR = Transaction Activity A = New Inquiry
ST	State	H	IL, IN, MI, OH, WI	2/A	SI06 = LA	SI07	R	LA = code to identify a geographic region
FACDSG	Facility Designation	D	CLEC Defined	5/AN	REF01 = 1J	REF02	R	Identification of the Local Service Provider's system to be used in a collocation arrangement Request may only contain one instance of FACDSG. 1J = Facility ID
FACTYP	Facility Type	D	CLEC Defined	6/AN	REF01= EQ	REF02	R	Type identification of the Network Provider's central office cable to be connected to the Local Service Provider's co-located equipment. Request may only contain one instance of FACTYP. EQ = Equipment Number
LOCA	Terminating Location A CLLI	D	CLEC Defined	11/AN	N101 = 78 NX201=90	NX202	R	The terminating location of a call or a circuit Request may only contain one instance of LOCA.

Connecting Facility Assignment Inquiry

Ameritech 850 Connecting Facility Assignment Preordering Inquiry Specification
Based on the Service Order Sub-Committee EDI matrix and the Local Service Ordering Guidelines from OBF

FIELD	Description	H/D	Valid Values	Attributes	Qualifying Data Element and Value	EDI Data Element	USE	Ordering Rule
								90 = Access Customer Terminal Location
LOCZ	Terminating Location Z CLLI	D	CLEC Defined	11/AN	SI02=LO	SI03	R	A locally defined code identifying the Local Exchange Carrier Central Office serving the account. The code is in CLLI format Request may only contain one LOCZ. LO = Local Exchange Carrier Serving Office Code
CHANNEL	Channel Code	D	CLEC Defined	48/AN	SI04 = K6	SI05	R	Identification of the specific channel or pair within the Network Provider's central office. Request may only contain one instance of CHANNEL. K6 = Channel/Pair May specify single channel, range of channels, or combination of both. Values are delimited by a comma, and range(s) utilize a beginning and ending value separated by a hyphen.

Connecting Facility Assignment Response

Ameritech 855 Connecting Facility Assignment Preordering Response Specification
Based on the Service Order Sub-Committee EDI matrix and the Local Service Ordering Guidelines from OBF

FIELD	Description	H/D	Valid Values	Attributes	Qualifying Data Element and Value	EDI Data Element	USE	Ordering Rule
CCNA	Customer Carrier Name Abbreviation	H	CLEC Defined	3/A	N101 = 78	N102	R	78 = Service Requestor
ACNA	Access Customer Name Abbreviation (CFA)		CLEC Defined	3/A	N101 = BT	N102	R	BT = Bill to Name
INQNUM	Inquiry Number	H	CLEC Defined	16/AN	BAK01 = 11 BAK02 = AE or RD	BAK03	R	11 = Code for response AE = Code for Acknowledge with Exceptions RD = Reject with detail
D/TSENT	Date and Time Sent	H	Date: CCYYMMDD Time: HHMM	17/AN	DTM01=097	Date: DTM02 Time: DTM03	R	Time is optional. Date and Time are based on sender's time (application time) DTM02 = Date DTM03= Time in 24 hr. format
TXTYP	Transaction Type	H	X	1/A	SI02 = IQ	SI03	R	IQ = Inquiry Type
CKRCFA	Customer Circuit Reference ID (CFA)	H	CLEC Defined	42/AN	SI04 = CM	SI05	C	Returned if CFA is identified by a customer defined circuit reference code
STATUS	Status of Channel	D	Spare, Assigned, Pending, Invalid, Restricted	12/AN (80/AN)	PID01 = X PID03 = AS PID04 = STATUS	PID05	R	
CHANNEL	Channel Code	D	CLEC Defined	5/AN	SI02 = K6	SI03	R	Identification of the specific channel or pair within the Network Provider's central office. Up to 28 channels may be returned. Each channel returned will be accompanied by STATUS, CKR (if available), ACNA and ECCKT. K6 = Channel/Pair
CKR	Customer Circuit Reference ID	D	CLEC Defined	36/AN	SI04 = CM	SI05	C	Returned if channel is identified by a customer defined circuit reference code.

Connecting Facility Assignment Response

FIELD	Description	H / D	Valid Values	Attributes	Qualifying Data Element and Value	EDI Data Element	U S E	Ordering Rule
	(Channel)							
ACNA	Access Carrier Name Abbreviation (Channel)	D	CLEC Defined	3/A	N101 = BT N103 = 92	N104	R	BT = Code for Bill To Party 92 = Assigned by Buyer or Buyer's Agent
ECCKT	Ameritech's Circuit Identifier	D	Ameritech Defined	36/AN	SI06 = CN	SI07	R	
ERRCODE	Error Code	D	Ameritech Defined	80//AN	PID01 = F	PID05	C	Returned if ACK01 = IR
ACK	Acknowledgement Status	D	IA, IR	2/AN		ACK01	R	IA = Item Accepted IR = Item Rejected

Segment Sequence

CFA Inquiry

ST*850*0001
BEG*28*IN*_INQNUM_
DTM*097*_D/TSENT{CCYYMMDD}_*_D/T SENT{HHMM}_
SI*TI*IQ*_TXTYP_*IR*_INQACT_*LA*_ST_
N1*78*_CCNA_
PO1*1*1*EA
SI*TI*LO*_LOCZ_*K6*_CHANNEL_
REF*1J*_FACDSG_
REF*EQ*_FACTYP_
N1*78*_CCNA_
NX2*90*_LOCA_
CTT*1
SE*nn*0001 (nn: calculated number of segments)

CFA Response

ST*855*0001
BAK*11*AT*_INQNUM_*PO DATE (accepted transactions only)
BAK*11*RD*_INQNUM_*PO DATE (rejected transactions only)
DTM*097*_D/TSENT{CCYYMMDD}_*_D/T SENT{HHMM}_
SI*TI*IQ*_TXTYP_*CM*_CKRCFA_
N1*78*_CCNA_
N1*BT*_ACNA_
PO1*1 *1*EA
SI*TI*K6*_CHANNEL_*CM*_CKR_*CN*_ECCKT_
PID*X**AS*STATUS*_STATUS_
PID*F****_ERRCODE_
ACK*_ACK_
N1*BT*_ACNA_
CTT*1
SE*nn*0001 (nn: calculated number of segments)